

CLAIMS

What is claimed is:

1. An apparatus for controlling one or more cameras, the apparatus including:
 - a mounting sled, including a sled top disposed between two sled runners, wherein a lower surface of each sled runner is formed by a circular arc having a determined diameter;
 - a tilt drive motor;
 - a tilt drive train in operative communication with the tilt drive motor and the mounting sled, the tilt drive train including a tilt drive shaft having an axis extending in a perpendicular direction with respect to the sled top, wherein operation of the tilt drive motor moves the mounting sled in a tilt direction;
 - a pan drive motor; and
 - a pan drive train in operative communication with the pan drive motor and the mounting sled, the pan drive train including a pan drive shaft extending in a perpendicular direction with respect to the sled top along the axis of the tilt drive shaft such that the pan drive shaft receives the tilt drive shaft and turns independently and concentrically about the tilt drive shaft, wherein operation of pan drive motor moves the mounting sled in a pan direction;
- wherein the apparatus is adapted such that the sled top receives a camera such that the center of gravity of the camera is aligned with the diameters of the circular arcs of both sled runners along a horizontal axis and the vertical axis of the tilt and pan drive shafts.